

6Hz - 550



Reel #63

Acylation of a Series of Aromatic Compounds in the
Presence of Metals, by I. P. Tsvetkovnik, by 4 pp.

ISSIAB, per, Dok Akad SSSR, Vol CXL, No 4, 1958,
pp 809-811.

Consultants Bureau

Sci - Chem

Jun 59

88,761

The Use of Frontal Analysis in Gas-Liquid Chromatography of Radioactive and Nonradioactive Gases, by M. I. Yanovskiy, G. A. Gaseyev, 4 pp.

RSSIAR, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 812-.

Consultants Bureau

Sci - Chem

Jun 59

88,762

A Contribution to the Theory of the Surface Tensions
of Solutions of Strong Electrolytes, by V. E.
Bravinsk, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 815-818.

Consultants Bureau

Sci - Chem

22/6/59

90, 001

The Energy of Activation for Diffusion in Order of
Metallic Disordered Solid Substitution Substitution.
by Ye. E. Geguzin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 819-822.

Consultants Bureau

6/51 1398

Sci - Chem

22/6/59

90,002

An Investigation of the Films on a Mercury Electrode,
by A. Ya. Gokhshtein, Ya. P. Gokhshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 823-826.

Consultants Bureau

Sci - Chem

22/6/59

90,003

The Effect of Polarization on the Mechanical Properties
of Steel, by G. V. Karpenko, R. I. Kripyakovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 827-829.

Consultants Bureau

Sci - Chem

22/6/59

90,004

Chemical Adsorption and Catalytic Oxidation of
CO Over ZnO and Its Solid Solutions Which Differ
in Their Electrical Conductivity, by N. P. Keyer,
G. I. Chizhikova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 830-833. 9077068

Assoc Tech Serv RJ-1389

Sci - Chem
Apr 59

85, 331

The Energy of Coulombic Interaction Between Silica Gel Hydroxyl Groups and Benzene Molecules, by A. V. Kiselev, D. P. Poshkus, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 834-837.

Consultants Bureau

AT&T - RAND CORP.

Sci - Chem

22/6/59

90,005

The Chemical Reactions of Atoms with Energies Comparable to the Energy of Activation, by B. N. Provotorov, 4 pp.

AN
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 838-840.

Consultant Bureau

Sci - Chem

22/6/59

90,006

The Effect of Concentration on the Critical Deformation and the Associated Structural Strength of Aluminum Maphthenate Cyclicols, by Dr V. A. Fedotova, A. A. Trapeznikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXK, No 4, 1958,
pp 841-844.

Consultants Bureau

Sci - Chem

22/6/59

90,007

Effect of Nickel on the Electrochemical and Corrosion
Behavior of Steel, by G. M. Florianovich, Ya. M. Kolotyr-
kin, N. K. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,
pp 845-.

Consultants Bureau

Sci - Chem

22/6/59

90,068

The Enzymatic Properties of the Protein Fractions
from the Seeds of Bean Cultures by M. I. Smirnova-
Ikoniakova, E. P. Vesalova, & pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1, 1958,
pp 849-.

Amer Inst of Biol Sci

Sci - Biology, Chem

Ref 59

80, 754

Investigation of the Properties of Calcium
Hydrosilicates, by T. M. Berkovich, D. M.
Kheiker, O. X. Gracheva, L. S. Zevin, R. I.
Kupreyeva, 6 pp.

RUSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 853-856.

Consultants Bureau

Sci - Chem

Dok Ak Nauk SSSR
(Leningrad)

Jun 59

88, 684

The Strength of Electrochemically Consolidated
Clay Soils, by G. N. Zhinkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 857-.

Consultants Bureau

Sci - Chem

Jun 59

88, 685

The Akchagyl and Apsheron Rocks in the Lower Reaches
of the Amu-Darya River, by M. N. Gramm, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 4,
1958, pp 859-862.

Consultants Bureau

Sci - Geophys

96,583

New Data on the Paleogene Formations of the Adzhigaro-Imereti Range, by M. F. Dzvelaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 863-865.

Consultants Bureau

Sci - Geophys

96, 5-84

The Role of the Ukrainian Shield in Developing the
Paleozoic Structure of the Southern Part of
European USSR, by I. Yu. Lapkin, L. S. Temin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 4,
1958, pp 869-872.

Consultants Bureau

Sci - Geophys

96,585

The Upper Triassic of Zemlia Vil'cheka Island
(The Archipelago of Franz Josef Land), by L. P.
Pirozhnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 873-874,

Consultants Bureau

Sci - Geophys

96,586

Chitinoïd Foraminifera in the Ordovician Deposits of
North Kazakhstan, by E. V. Bykova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 4,
1958, pp 879-881.

ATS 71L3CR

ATS-224B R3

Sci & Min/Met
Sep 59
Vol 2, No 2

98,017

Cytological Observations Concerning the Uterine
Gland Cells of the Rat, by E. V. Zybina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1950, pp 882-887.

Amer Inst of Biol Sci

Sci + Med

96,971

The Origin of the Chromaffin Cells of the Abdomino-Aortal Paraganglia, by N. A. Smitten, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 886-.

Amer Inst of Biol Sci

Sci - Med

96, 972

Obtaining Polyploids of Solanum Polyadenium Green,
by N. A. Lebedeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 4,
1958, pp 890-.

Amer Inst of Biol Sci

Sci - Med

96,987

Quantitative Distribution of Mussels (*Mytilus Galloprovincialis Lam.*) in the North-Western Part of the Black Sea, by V. N. Smitia, 3 pp.
//

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 4,
1958, pp 893-895.

Amer Inst of Biol Sci

Sci - Med

97,012

The Diurnal Feeding Rhythm of the Copepod Crustacean
Acartia Clausi Giesbr, by T. S. Petipa, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No 4,
1958, pp 896-.

Amer Inst of Biol Sci

Sci - Med

97, 013

Self-Inhibition Among Actinomycetes, by N. A.
Krasil'nikov, A. I. Korenyako, G. I. Artamonova,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 906.

Amer Inst of Biol Sci

Sci - Med

97,017

Translocation of Assimilates in the Leaf Blnde of
Soya, by I. F. Belikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No. 4,
1958, pp 904-906.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,037

The Nitrogen Metabolism of Maturing Maize Seeds,
by E. V. Kolobkova, 4 pp.

RUESIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 907-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,038

The Effect of Phytoncides on the Motor Response of the
Tick *Ixodes Persulcatus* P. Sch, by A. V. Mishin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 911-.

Amer List of Biol Sci

Sci - Med

97,028

Hypersegmentation of the Nucleus of Neutrophils in
Wound Exudates Due to the Effect of Adrenal Cortical
Hormone and Radiation, by A. V. Voitkevich, A. I.
Bukhonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 914-.

Amer Inst of Biol Sci

Sci - Med

96,983

A Historical Interpretation of the Formation and
Development of the Lungs in the Higher Placentalia and
in Man, by V. N. Zhedenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4
1958, pp 918-.

Amer Inst of Biol Sci

Sci - Med

96 979

Conditioned Reflexes in Dogs During Local Irradiation of Limited Area of Skin or Mucous Membrane by β -Rays, by I. M. Gorbusova, I. A. Rokotova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958, pp 922-925.

Amer Inst of Biol Sci

Sci - Med

97,023

The Possible Role of Nucleic Acids in the "Transmission"
of Nerve Stimulation and in the Action of Acetylcholine,
by Kh. S. Kohtoyants, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 926-.

Amer Inst of Biol Sci

Sci - Med .

97,024

Quantitative Investigations of the Role of
Bacteria in the Development of Cladocera Under
Natural Conditions.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXX, No 5, 1958.

NZDIA

Sci
Dec 62

Concerning the Expansion of a Positive Kernel Into
a Bilinear Series, by M. D. Dol'berg, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 945-948. 92 2 04 30
AEG-SC-Tr-534

Sci--Nucl Sci
Mar 64

252,848

Eidel'man, S. D.
FUNDAMENTAL MATRICES OF SOLUTION OF GENERAL PARABOLIC SYSTEMS. [1962] [9]p. 4 refs.
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R34. When supply is exhausted, order from OTS or SLA \$1.10, 62-18850.

Trans. of Akademiya Nauk SSSR. (Doklady), 1958,
v. 120, no. 5, p. 980-983.

DESCRIPTORS: *Partial differential equations, Functions, Complex variables, Integral equations, Matrix algebra, Inequalities.

In this paper fundamental matrices of solutions are constructed for arbitrary linear parabolic systems and some of their applications are given.

(Mathematics, TT, v. 9, no. 4)

62-18850

- I. Title: Holder continuity
- I. Eidel'man, S. D.
- II. Boeing Trans-R34
- III. Boeing Scientific Research Labs., Seattle, Wash.

Office of Technical Services

On Motions with Homogeneous Deformation in Magnetohydrodynamics, by A. G. Kulikovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 984-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

MCA-K-12

Jul 59

92,119

On Motions With Homogeneous Deformations in
Magnetohydrodynamics, by A. G. Kulikovskiy,
4 pp.

RUSSIAN, per, Doklady Ak Nauk USSR, Vol CXX,
No 5, 1958, pp 984-986.

NDP K-191
9092876

173.818

Sci

On the Relation Between Stress Tensors and Rates
of Straining in the General Cases of Large and
Small Deformations, by G. I. Gurevich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, ~~xx~~ p 987-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

92,078

JUL 59

On the Theory of the Phase Transition in a
Nonideal Bose Gas, by D. N. Zubarev, Yu. A.
Taerkovnikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 991-994.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys
Jul 59

92,094

On the Nonlinear Theory of Elementary Particles,
by D. Ivanenko, A. Brodskiy, 5 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 995-998.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92, 095

A Method of Determining the Mean Kinetic Energy of
Electrons in the Druyvesteyn-Davydov Distribution,
by G. Rotman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5th ..
1958, pp 999~.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,088

Changes in the Akkali Reserve of the [✓] Blood
in Animals with Acute Radiation Sickness, by
L. N. Merich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1003-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,074

Electrical Properties and Structure of Transitional
Forms of Carbon, by V. I. Krasotchkin, A. T. Kavciov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1007-1010.

Amer Inst of Phys
Sov Phys - Doklady
Vol. 22, No. 5

Sci - Phys

Jul 59

92,082

Stressed Condition of Austenite in the Vicinity
of a Martensite Crystal in Course of Formation,
by B. Ya. Lyubov, A. L. Roytburd, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp1011-1014.

Amer Inst of Phys/
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,083

The Stressed State of Austenite in the Neighbourhood of
a Formed Martensite Crystal, by B. Ya. Lyubov, A. L.
Roitburd.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXX,
No 5, 1958, pp 1011-1014.

*IRSID 1250

185, Rue President-Roosevelt
St. Germain-en-Laye
(S-et-O), France

Apr 60

Investigation of the Processes of Repeated
Decomposition of an Al-Cu Solid Solution, by
L. S. Peletnik, B. T. Boyko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1015-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,076

Effect of Length of Pipe on Critical Heat Flux in a
Forced Motion of a Steam- and Water Mixture, by
M. A. Styrikovich, L. E. Faktorovich, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 1018-1020.

AEC RP 180

Sci - Phys

Dec 58

1018-1020
1958, 233

Critical Point on the Polymorphic Conversion
Curve of Cerium, by E. G. Pomyatovskiy, 6 pp.

RUSSIAN, per, Dok Ak Akad SSSR, Vol CXX, 1958,
pp 1021-1023.

AEC 3454

Sci - Phys

Dec 58

78,248

2,3-Dihydroxy-4-methoxy-5-methyl-
Isobutyropimelic Acid -- A Component of the
Resin Acids of the Olerocesin of the Siberian
Cedar -- *Pinus Sibirica* (Rupr) Mayr, by I. I.
Dardyshov, Eh. A. Chereches, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 5,
1958, pp 1025-1026.

Consultants Bureau

Sci - Chem

Jun 59

88,763

Construction of Concdes in Two-Phase Regions of
Structural Diagrams of Metallic Systems by a
Microhardness Method, by V. N. Vignorovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 5, 1958,
pp 1027-1030.

Consultants Bureau

Sci - Chem

Jun 59

88,756

Solid Solutions in the System AlSb-GaSb, by N. A.
Goryunova, I. I. Murdiyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 5, 1958,
pp 1031-1034,

Consultants Bureau

Sci - Chem

SL 6-71

Jun 59

88,757

Synthesis of 2-Methyl-4,5-thiopheno
(2',3') thiazole, by V. G. Zhiryakov, I. I.
Levkoyshev, 4 pp.

RUSSIAN, per, Dok Akad SSSR, Vol N CXIX, No 5,
1958, pp 1035-1037.

Consultants Bureau

Sci - Chem

Jun 59

88,758

Refugee
Isotope Exchange of Oxygen Free Radicals and
Water, by I. A. Kazarovskiy, N. P. Lipitkin,
M. V. Tikhomirov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1038-1041.

Consultants Bureau

Sci - Chem

Jun 59

88, 759

Russian Encyclopedia of the Universe and the Elements, by L. M. Koval, S. A. Rypolitova, Yu. P. Sivkov, File. I. Spitsyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 5, 1958,
pp 1042-1044.

Consultants Bureau

Sci - Chem

Jub 59

88, 752

The Introduction of Dihydroxycarboxylic, Glyceria,
and Hydroxyacetone Side Chains into Ortho-
methylcyclohexanone and the Stereochemistry of the
Resulting Compounds, by I. H. Nasarov, A. A. Akhrem,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1045-.

Consultants Bureau

Sci - Chem

Jun 59

88,753

Preparation of Metallic Derivatives of Yttria.
Alcohol, by A. N. Dzumayev, N. N. Lutovina,
R. M. Khazanov, 10 pp.

RUSSIAN, per, Dok Akad SSSR, Vol CIX, No 5,
1958, pp 1049-1051. 9038085

Concentrated form
EM 5-6

Sci-Chem

May 59

86,408

The Stereochemistry of Isotope Exchange Reactions
of Organomercury Salts with Metallic Mercury and
Mercury Halide Labeled with Hg²⁰³, by O. A.
Reyutov, P. Kholl', U Iam-Taei, 4 pp.

БУДІВЛЯ, пер, А Док Ак Нанук ССР, № Vol CXIX, № 5,
1958, pp 1052-1055.

Consultants Bureau

Sci - Chem

Jun 59

88, 754

Unsaturated Hydrocarbons in a Thermally Cracked
Gasoline, by A. V. Topchyev, I. A. Musayev, Z. Kh.
Istkhakova, A. N. Kislinsky, G. D. Gal'pern, 4 pp.

MISSIAH, per, Dok Ak Nauk SSSR, Vol CIX, No 5,
1958, pp 1056-1058.

Consultants Bureau

Sci - Chem

Jun 59

88, 755

Mass Spectrometric Study of the Sublimation of
Germanium Dioxide, by S. A. Shchukarev, G. A.
Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 5, 1958,
pp 1059-.

Consultants Bureau

Sci - Ex Chem

Jun 59

88, 748

Effect of High Pressures on Self-Adhesion (Auto-adhesion) of High-Polymers, by L. A. Igonin, Yu. V. Ovchinnikov, S. A. Arzhakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958.
pp 1062-1064.

Consultants Bureau

Sci - Chem

22/6/59

90, 009

Mechanisms of the Protective Action of Colored Lacquer Coatings, by V. A. Kargin, M. I. Knyakina, Z. Ya. Berestneva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1065-1067.

Consultants Bureau

Sci - Chem

22/6/59

90,010

The Quasi-Stationary Thermal Regime in Explosion Reactions, by A. G. Morzhanov, F. I. Dubovitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1068-1071.

Consultants Bureau

Sci - Chem

22/6/59

90,611

Study of the Adsorption of Cations on Platinized Platinum
by the Method of Measuring the Adsorption Potentials, by
A. D. Chrusheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp 1072-1075.

Consultants Bureau

Sci - Chem

22/6/59

90,012

X-Ray Diffraction from Regions Composed of Long
Molecules, by D. Ya. Tsvankin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,
pp1076-.

Consultants Bureau

Sci - Chem

22/6/59

90,013

Electrophoretic Studies of Polyphosphate-Ribonucleic
Complexes from Aspergillus niger, I. S. Kulayev,
A. N. Balozerskiy, & PP

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 1080-1083 ⁵

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,75-3

Some Special Features of Plant Dihydrostananes by
V. E. Sokolova, O. M. Savel'yeva, 4 pp

RUSSIAN, per, Dok Akad SSSR, Vol CXX, No 5, 1956
pp 1084-.

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 99

80,735

Iron Contributed to the Sea of Okhotsk by the
Thermal Springs of the Volcano Izbeko (Paramushir
Island), by K. K. Zelenov, 4 pp.

RUSSIAN, per, Dok Ak Mauk SSSR, Vol CXX, No 5,
1958, pp 1089-1092.

Consultants Bureau

Sci - Geophys

96,587

Correlation of Quaternary Deposits of the Glaciated and
Unglaciated Zones in the Enisei Region of Siberia,
by V. A. Zubakov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1093-1094.

Consultants Bureau

Sci - Geophys

96,588

The Change of Magnetite Into Martite Ore in the
Saksgan Region of Krivoi Rog, by Yu. P. Mal'nik,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1095-1098.

Consultants Bureau

Sci - Geophys

96,589

Discoveries of Previously Unknown Genera of Large
Foraminifera in the Paleogene Rocks of the
Southern USSR and Their Stratigraphic Significance,
by G. I. Nemkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1099-1102.

Consultants Bureau

Sci - Geophys

96, 590

The Age of the Karaganda Series in the Karaganda Basin, by V. V. Sergeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1103-1105.

Consultants Bureau

Sci - Geophys

96,591

The Age and Subdivision of the Jurassic Coal-Bearing Deposits of Tuva, by P. P. Timofeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1106-.

Consultants Bureau

Sci - Geophys

96,592

Paragenesis of Late Hypogene Sulfides in the Ores
of the Zmeinogorsk Lead-Zinc Deposit in Altai,
by A. A. Garmach, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1110-.

Consultants Bureau

Sci - Geophys

96,604

Boudinage Structure in the Quartzite-Marble
Formations of the Southwestern Baikal Region,
by I. S. Delitsin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1114-;

Consultants Bureau

Sci - Geophys

96,070

Concerning the Detailed Structure of the Cuticle
of the Nematode Ascaridia Galli Schrank, 1788, by
Yu. K. Gogoyavlenkiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1119-.

Amer: Inst of Biol Sci

Sci - Med

97,007

The Mutagenic Effect of Actinophage, by S. I.
Alikhanian, T. S. Il'ina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1122-1125.

Amer Inst of Biol Sci

Sci + Med

96,988

The Role of Constitutional (Hereditary) Characteristics in Radiosensitivity of Animals, by N. I. Nuzhdin, N. I. Shapiro, I. A. Nechayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958, pp 1126-.

Amer Inst of Biol Sci

Sci. - Med

96,989

The Question of the Role of Bacterial Numbers in the Development of Cladocera in Natural Conditions, by E. F. Manuilkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol COX, No 5,
1958, pp 1129-1132.

Amer Inst of Biol Sci

Sci - Med

97,014

The Influence of Hydrological Conditions on
Concentrations of Some White Sea Herring, by
V. M. Medushin, 3 pp.

RUSSIAN, ~~par.~~, Dok Ak Nauk SSSR, Vol 60X, No 5,
1958, pp 1113-.

• ~~After first or 2nd Rev~~

Sci - Med

97,015-

Accumulation of Naturally Radioactive Elements by
Soil Microorganisms, by N. A. Krasil'nikov, A. A.
Drobkov, O. G. Shirokov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1136-.

Amer Inst of Biol Sci

Sci - Med

97.018

Catalase Activity in Centrifuged Seeds, by
E. G. Grinfel'd, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1138-1140.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,039

A Characteristic of the Light Reaction in
Isolated Chloroplasts, by D. I. Sapozhnikov,
N. V. Bazanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1141-1143.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,040

The Effect of 2,4-D on Nitrogen Metabolism in
Lupine Seedlings and Wilting Tobacco Leaves, by
V. M. Torchinskaya, 3 pp.

RSSSR, ⁶pr., Dok Ak Nauk SSSR, Vol CX, No 5,
1958, pp. 1144-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92, 033

Apospary in the Apple, by A. V. Konstantinov,
4 pp.

RUSSIAN, per, Dok Nauk SSSR, Vol CIX, No 5,
1958, pp 1147-.

Amer Inst of Biol Sci

Sci - Biol.

Jul 59

92, 047

On the Growth Type of Chironomid Larvae, by A. S.
Konstantinov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1151-1154.

Amer Inst of Biol Sci

Sci - Med

97, 029

Origin of the Baikal Fauna in the Light of
Palaeontological Studies, by G. G. Martinson, 4 pp.

RUSSIAN; per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1155-1158.

Amer Inst of Biol Sci

Sci - Med

97,030

Some Characters for the Identification of Nauplii
of Three Species of Rock Barnacles of the Barents
Sea, by I. K. Rzhepishevskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1159.⁵

Amer Inst of Biol Sci

Sci - Ned

97,031

Changes in the Nerve Endings in Muscle Tissue
During Vitamin B Deficiency in Rats, by I. P.
Semenovsk, 4 pp.

RUSIA, per, DOK AK SSSR SCI, Vol CXX, No 5,
1958, pp 1162.

Amer Inst of Biol Sci

Sci Med

97,025

The Union of Gametes in the Sturgeon Family of
Fishes in the Absence of Calcium Ions, by T. A.
Detlaf, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5,
1958, pp 1165-.

Amer Inst of Biol Sci

Sci - Med

96,977

On Chandrasekhar's Spectral Representation of Axially
Symmetric Turbulence, by A. A. Kovalev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958,
pp 1220-1223.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys
Jul 59

92,112

On Limiting Solutions Near a Singular Point, by
M. L. Lidov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6, 1958,
pp 1224-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,113

The General Case of Stationary Visual Density
Distribution in the Head of a Comet Which Exhibits
Constant Isotropic Emission, by D. O. McKinnach,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, pp 1228-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,116

Measurement of Cosmic Radiation by an Artificial Earth Satellite, by S. N. Vernov, N. L. Grigorov, M. I. Logachev, A. Ye. Chudakov

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 6, 1958,
pp 1231-1233

EGY 35
NRCC
73, 925
Navy in 1947/TG-45

Sci - Spac Res

DC-2319

Rocket Measurements of Electron Concentration In
The Ionosphere with the Aid of an Ultrashort Wave
Dispersion Interferometer, by K. I. Gringauz, 7 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
Moscow, 1958, pp 1234-1237.

US JPRS/DC-L-1207
espionage Lit TG-230-T-72
77,230
MFG-729

USRR

Sci - Geophysics, Ionosphere

Nov 58

Development of a Method of Determining the Relaxation Time of an Excited Molecular Vibrational State by Means of a Spectrophone, by P. V. Slobodskaya
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, p. 1238-1241.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,089

Influence of the Position and Nature of the
Substituent on the Fluorescence Spectra of
Anthraquinone Derivatives in Frozen Solutions, by
D. N. Shigorin, N. A. Shcheglov, R. N. Mirmukhametov,
N. S. Dokumikhin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, pp 1242-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

92, 090

Jul 59

The Quantitative Distribution of Plankton in
the Tropical Waters of the Western Pacific Ocean,
by L. A. Ponomareva, E. A. Latini.

RUSSIAN, per, Na Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, pp 1246-1248.

MIL N 5106

Sci - Biol & Med Sci
May 63

229,568

Intensification of the Traumatic Effect of X-rays
on the Development of Embryos by Denervation of
the Uterus and by Operative Shock, by N. A.
Semoshkina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, 1249-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys
Jul 59

92, 075

The Effect of Silicon on the Solubility of Oxygen in
Iron-Chromium Melts, by V. V. Averin, A. M. Samarin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 6, 1958,
pp 1253, 1254.

Consultants Bureau

Sci - Chem

Jun 59

88,749